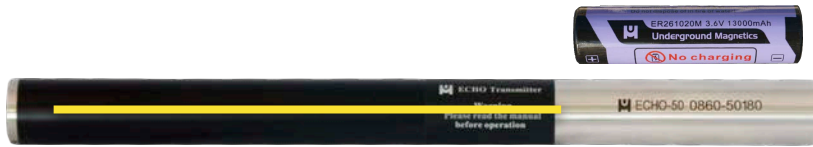


## MAG 8 Transmitter Specs Echo 50 - 60

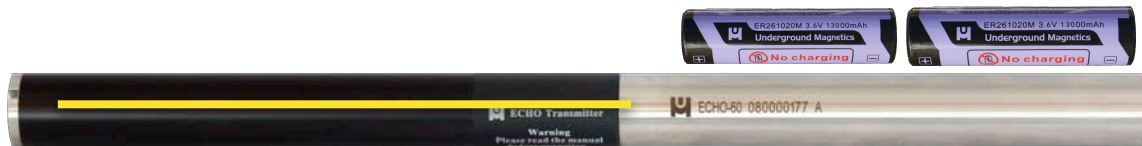


Slot Location Minimum 9" Long

<b>Echo 50 10 Frequencies 4kHz ~ 31kHz</b>		
Battery Type	18650	Echo Cell Rechargeable
	261020	Lithium Primary Battery
Battery Life	18650	20 hrs - Normal
		5 hrs - High Power
	261020	60 hrs - Normal
		15 hrs - High power
Depth Range	130 Feet (40 Meters) - Normal	
Data Range	160 <b>Feet</b> (50 Meters) - High Power	
Dimensions	1.25 in x 15 in (3.2 cm x 38 cm)	

*Echo 50 is our standard size 15" long transmitter and is the most powerful standard size transmitter in the world.*

*All 10 frequencies can be changed down hole as well as High and Low power modes*



Slot Location Minimum 9" Long

<b>Echo 60 10 Frequencies 4kHz ~ 31kHz</b>		
Battery Type	18650 x 2	Echo Cell Rechargeable
	261020 x 2	Lithium Primary Battery
Battery Life	18650 x 2	50 hrs - Normal
		12 hrs - High Power
	261020 x 2	120 hrs - Normal
		30 hrs - High power
Depth Range	130 Feet (40 Meters) - Normal	
Data Range	190 <b>Feet</b> (60 Meters) - High Power	
Dimensions	1.25 in x 19 in (3.2 cm x 48 cm)	

*Echo 60 is our standard size extended range transmitter. This transmitter will fit in any housing built for DCI 19" transmitters. Main purpose for the Echo 60 over the Echo 50 are projects requiring extended battery life. Two (261020 super cell) will give the transmitter up to 120 hrs battery life.*



*Underground Magnetics highly recommends the use of our ER261020M 3.6V 13000mAh Primary Battery. These batteries are designed to supply high output power necessary for best performance. These batteries can be purchased from your local UM dealer or online at [www.umaghdd.com](http://www.umaghdd.com)*